

Approved For Release 2001/03/06 : CIA-RDP82-00457R0083003

INFORMATION REPORT

CD NO.

25X1A

10/10

COUNTRY Korea

DATE DISTR. 15 Sep 61

SUBJECT Mineral Production in North Korea

NO. OF PAGES 2

25X1A

PLACE ACQUIRED [REDACTED]

NO. OF ENCL'S
(LISTED BELOW) 25X1A

DATE OF INFO.

25X1X

SUPPLEMENT TO
REPORT NO. [REDACTED]

1. The Unchang (125-08, 40-07) mine produced columbite, beryllium,* cupro-uranite and fergusonite. Amounts, in tons, exported to the Soviet Union were as follows:

| | 1946 | 1947 | 1948 | 1949 | 1950 | Total |
|-----------|-------|-------|-------|-------|-------|-----------|
| Columbite | 4,000 | 5,000 | 7,000 | 6,000 | 1,500 | 23,500 ** |
| Beryllium | 6 | 33 | 17 | 23 | 1 | 60 |

2. The Hungnam fertilizer plant, besides producing fertilizer, also produced the following minerals, chemicals and other materials:

| Item | January 1950 | | March 1950 |
|--|---|--|--------------|
| | (Amounts in tons unless stated otherwise) | | |
| Ammonium sulphur-phosphate | 1,182 | | 1,476 |
| Ammonium chloride | 786 | | 919 |
| Ammonium | 636 | | 9,450 |
| HCl (liquid) | 41 | | 57 |
| Glycerin | 45 | | 65 |
| Calcitic soda | 866 | | 982 |
| Washing soap | 672 | | 1,374 |
| Powder soda | 651 | | 873 |
| Toilet soap | 38 | | 103 |
| Alcohol | 428 kgs | | 857 kgs |
| H ₂ SO ₄ | 180 | | 971 |
| Acetic acid | 30 | | 37 |
| H ₂ SO ₄ (watered) | 2,045 | | 28,153 |
| Acetone | 37 | | 37 |
| Artificial carbon-pole | 101 | | 137 |
| Natural carbon-pole | 345 | | 320 |
| Metal drums | 134 pieces | | 3,589 pieces |
| Dynamite | 0 | | 478 |
| Carbide | .226 | | 11,702 |
| Nitrate | .296 | | 3,645 |

CLASSIFICATION

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| Document No. <u>2</u> |
| No Change in Class. <input checked="" type="checkbox"/> |
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- 2 -

| | | |
|------------------|----------------|-------|
| Ammonium sulfate | 845,450 pieces | 0 |
| HNO ₃ | 139 | 2,557 |
| Ammonium nitrate | 3,079 | 1,767 |

J. Besides turning out these products, the Nungnam fertilizer plant carried on chemical research sponsored by the North Korean Ministry of Industry. The chief research worker was YO Hyong-ju (ヨウヨウジュ), who received his training at the Iwam Technological University near Dairen under the Japanese occupation. Research was carried on in dyes and in improved methods to refine monazite sand.***

25X1A * [REDACTED] Comment. In May 1949 the tungsten mine at Haksan-ri (127-26, 38-15) was converted to produce beryllium. [REDACTED]

25X1A *** [REDACTED] Comment. Figures for columbite seem high.

25X1A *** [REDACTED] Comment. Monazite mining in South Korea was discussed in [REDACTED] and referenced reports.

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